## (19) World Intellectual Property Organization International Bureau



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(43) International Publication Date 17 February 2005 (17.02.2005)

PCT

## (10) International Publication Number WO 2005/015237 A1

(51) International Patent Classification<sup>7</sup>: A61B 5/00, G01N 33/58

G01N 33/66,

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(21) International Application Number:

PCT/EP2004/008825 /

(22) International Filing Date: 6 August 2004 (06.08.2004) √

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/493,241

7 August 2003 (07.08.2003) /US  $\nu^{(84)}$ 

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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
  - KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
- ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: OPHTHALMIC SENSOR

(57) Abstract: This invention is generally related to a biocompatible sensor for detecting/measuring sugar, especially glucose, in an ocular fluid in a non-invasive or minimally invasive manner and a method for using the biocompatible sensor. A biocompatible sensor of the invention comprises, consists essentially, or consists of an ophthalmic device comprising a molecular sensing moiety which interacts or, reacts with sugar to provide an optical signal which is indicative of sugar level in an ocular fluid.

